

**Version of Claims With Amendments Indicated**

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- 1        1.    A geophone, comprising:
- 2                    a housing;
- 3                    a first terminal positioned on one [side] end of the housing;
- 4                    an electrically conductive path having a first end coupled to the first
- 5        terminal;
- 6                    a first coil resiliently mounted within the housing and coupled to the
- 7        first end of the electrically conductive path;
- 8                    a second terminal positioned on [another side] a second end of the
- 9        housing;
- 10                   a second end of the electrically conductive path coupled to the second
- 11       terminal ;
- 12                   a second coil resiliently mounted within the housing and coupled to the
- 13       second end of the electrically conductive path; and
- 14                   a magnet mounted within the housing.
- 15

Claims 2-10 - No change.

- 1        11.    A geophone, comprising:
- 2                    a housing including a first end and a second end opposite the first end;
- 3                    a first end plate coupled to the first end of the housing;
- 4                    a second end plate coupled to the second end of the housing;
- 5                    a first end plate support coupled to the first end plate;
- 6                    a second end plate support coupled to the second end plate;

7 a first magnet support coupled to the first end plate support;  
8 a second magnet support coupled to the second end plate support;  
9 a magnet coupled to the first and second magnet supports;  
10 a first resilient ring coupled to the first end plate support;  
11 a second resilient ring coupled to the second end plate support;  
12 a first spring coupled to the first end plate support;  
13 a second spring coupled to the second end plate support;  
14 a first coil support coupled to the first spring;  
15 a second coil support coupled to the second spring;  
16 a first coil coupled to the first coil support; and  
17 a second coil coupled to the second coil support.

Claims 11-19 - No change.

1 20. A seismic acquisition system, comprising:

2 at least one geophone, each geophone comprising:

3 a housing;

4 a first electrically conductive terminal on one [side] end of the housing;

5 a first coil resiliently mounted within the housing and operably coupled  
6 to the first terminal;

7 a second electrically conductive terminal on [another side] a second  
8 end of the housing;

9 a second coil resiliently mounted within the housing and operably  
10 coupled to the second terminal;

11 a magnet mounted within the housing; and  
12 a controller operably coupled to the geophone.

Claims 21-43 - No change.

1 44. A geophone having a plurality of first electrically conductive parts and a  
2 plurality of second electrically conductive parts, the first plurality of parts being  
3 interconnected to form an electrically conductive pathway, the electrically conductive  
4 pathway being insulated from the second plurality of parts by an electrically  
5 insulating layer disposed on a surface of one of [between] the electrically conductive  
6 pathway and the second plurality of parts.

Claim 45 - No change.

1 46. A geophone housing comprising a housing, a first terminal positioned on a first  
2 [side] end of the housing and a second terminal positioned on a second [side] end of  
3 the housing.

Claim 47 - No change.